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Report to the Bureau of Land Management

BIBLIOGRAPHY ON THE EFFECT OF NOISE ON NON-HUMAN VERTEBRATES

by

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SYNOPSIS

This bibliography represents a comprehensive review of noise, sound and their effects on non-human vertebrates. There are 2568 references listed; 1-1523 from non-federal sources; 1524-1765 from the National Technical Information Service (NTIS); 1766-2568 from U. S. Government Publications. The major non-human effects are indexed under NOISE, Anatomical Effects (81 items); NOISE, Behavioral Effects (127 items); and NOISE, Physiological Effects (249 items). Other important noise references have not been overlooked. These include comprehensive reviews of Aircraft Noise and Sonic Boom, Noise Pollution, Noise Pollution Control, Motor Vehicle, Noise, Methodology, Legal Aspects of Noise and Proceedings and Reports concerning noise. The subject of sound and its important bioacoustical aspects has also been cited. These citations include Bioacoustics, communication, echolocation, hearing, ultrasonics and infrasonics. The general physiology, anatomy and behavior of animals with respect to acoustic reception have also been cited. Finally, acoustical data books and characteristics have been referenced.

In all cases, each reference is cited beneath the appropriate subject, but only the references of biological significance have been cross-referenced.

The major sources of information include:

1. Biosciences Information Services of Biological Abstracts, 2100 Arch Street, Philadelphia, PA 19103 (1968-1977).

2. Abstracts of 1971-1974 United States and Foreign Open Literature on Noise, Part II, EPA-600/2-76-016b.

3. Monthly Catalog of United States Publications (1941-1977).

4. Noise Facts Digest, USEPA Contract 68-01-0512.

5. NTIS 1975 Annual Index, WGA/68-75/52.

6. Handbook of Sensory Physiology, Vol. I-III (Keidel, W. D. and W. D. Neff, eds.). Springer-Verlag, Berlin, Heidelberg, New York.

7. ORD Publications Summary, EPA-600/9-76-013d.

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